

19980826.ba v02_n185.bam.980826 v02_n186.bam.980826

>From ???@??? Wed Aug 26 12:14:14 1998
Message-Id: <199808261347.IAA14597@sco.theporch.com>
Date: Wed, 26 Aug 1998 08:47:10 CDT
Subject: BOATANCHORS digest 2185

BOATANCHORS Digest 2185

Topics covered in this issue include:

- 1) Re: nomination for oddest thing found in a radio
by Ken Lopez <kjlopez@earthlink.net>
- 2) KWM-2 crystal kit
by gwoods@albany.net (Gary Woods)
- 3) More on Radio Station SAQ xmission on 17.2 kHz
by BOB RAGAIN <RAGAIN@hubvx6.sedalia.wireline.slbb.com>
- 4) need advice
by "Nicola Priano" <nipriano@tin.it>
- 5) HRO Questions
by Jim Hill <jshillw6ivw@earthlink.net>
- 6) Re:
by Dan Martin <dmartin@visuallink.com>
- 7) Collins emblems
by Sandra L Knepper <slkst29+@pitt.edu>
- 8) Re: -Reply
by Bob Reynolds <breynd@sigg.com>
- 9) Re: BC223
by "Gretchen" <rbrunner@gis.net>
- 10) W6AWO OTA From Burning Man
by Dick Dillman <ddillman@igc.apc.org>
- 11) Re: Nothing in old rig? Leave something.
by Tom Smith <tsmith@hal-pc.org>
- 12) Oddities
by Jderm740@aol.com
- 13) FS: KWM-2A, 75S3B, 312B-4 & More
by Dick Dillman <ddillman@igc.apc.org>
- 14) Re: Oddities
by jackiv@juno.com (John M Iverson)
- 15) TR4 parasitics
by w5sum@ms1.nwla.com
- 16) Replacing the BC-348-Q capacitors
by PLT1032@aol.com
- 17) K2TQN's OldRadio Museum and BA meeting place.
by John Dilks <oldradio@worldnet.att.net>
- 18) Hallicrafters ruled 6M Heyday
by MNHopkins@aol.com
- 19) Re: wtd: Johnson 9 pin plugs

- by "Arden Allen" <gumbear@pacbell.net>
- 20) German WW-2 radio
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 21) Weird Tube ID?
by John Poulton <jp@cs.unc.edu>
- 22) Old Weston meters
by "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
- 23) Re: Weird Tube ID?
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 24) My website
by "Paul Bernhard Sr." <w2tu@email.msn.com>

Message-ID: <35E31053.443B@earthlink.net>
Date: Tue, 25 Aug 1998 00:05:33 -0700
From: Ken Lopez <kjlopez@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: nomination for oddest thing found in a radio
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve wrote:

>
> In a speaker; Spent medium calibre handgun slug splattered on the
> outer polepiece in the spider/ VC ass'y.

For many years I was VP Sales of a well known loudspeaker manufacturer. One day a DHL overnite package arrived on my desk from France. In it were a letter and a hammer.

The letter was from a customer in France who had purchased a large sound reinforcement speaker system. When he took it out of the carton, he heard something bumping around in the cabinet. Upon opening the cabinet he found a hammer stuck to the magnet of the woofer with a name proudly inscribed on the handle. The note asked me to please return the hammer to its owner.

When I presented the note and hammer to the assembly line foreman, he was mighty embarrassed. It was his name on the hammer!

Cheers,
Ken, N6TZV

From: gwoods@albany.net (Gary Woods)

To: Old Tube Radios <boatanchors@theporch.com>
Subject: KWM-2 crystal kit
Date: Tue, 25 Aug 1998 20:09:52 GMT
Message-ID: <35e7195c.74151718@mail.albany.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've just received a crystal kit for the KWM-2 transceivers. A few missing, and a few extras in pockets at the bottom (details direct to conserve bandwidth). With the paper pamphlet in side pocket, but not the removal/insertion too.
Can anybody use this?

--

Gary Woods O- K2AHC Public key at www.albany.net/~gwoods, or get 0x1D64A93D via
keyserver
gwoods@albany.net gwoods@wr gb.com
fingerprint = E2 6F 50 93 7B C7 F3 CA 1F 8B 3C C0 B0 28 68 0B

Date: Tue, 25 Aug 1998 14:31:26 -0600 (MDT)
From: BOB RAGAIN <RAGAIN@hubvx6.sedalia.wireline.slb.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: RAGAIN@hubvx6.sedalia.wireline.slb.com
Message-Id: <980825143126.20405da9@hubvx6.sedalia.wireline.slb.com>
Subject: More on Radio Station SAQ xmission on 17.2 kHz

All,

The Alexanderson alternator transmission from Grimeton is apparently official for Saturday:

The announcement is on the LOWFERS home page at:

<http://members.aol.com/lwcanews/index.html>

So, string out your 18,000 meter receiving antenna and Good luck!

Bob

Bob Ragain Littleton, CO WB4ETT
HamMog: 1965 MB Unimog with radio box
see <http://shell.rmi.net/dand/mog/bob/index.html>
<http://home.att.net/~rldp/9804moab.htm>

Message-Id: <199808252055.WAA10093@mail.tol.it>
From: "Nicola Priano" <nipriano@tin.it>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 25 Aug 1998 22:55:15 +0200
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: need advice

Hi to all

I am planning a visit to North East USA from next October 3rd to 18th.
I will visit Vermont , New Hampshire, New Jersey ,Connecticut etc. for the
fall foliage but I will also attend some hamfest I have seen listed
on the ARRL web.
I will very much appreciate information about goob boatanchors places on the
area as well as date and location of smaller hamfest.
I will travel by car but because my wife is not that interested in old radios
I will go round following the weather forecast about the best spot for the fall
foliage. After all I agree ham radio comes second.

Thanks very much and 73

Nick IK1YWF
Nicola Priano
nipriano@tin.it

Message-Id: <3.0.5.32.19980825150042.01816d40@earthlink.net>
Date: Tue, 25 Aug 1998 15:00:42 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Hill <jshillw6ivw@earthlink.net>
Subject: HRO Questions
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HRO Experts, I have two questions:

S-Meter

When did National change from a white face to an illuminated translucent
yellow face S-meter?

Paint Color

Most older HRO's have a black crackle/wrinkle finish, but some have an ugly
Navy-type grey finish. Originally, I assumed grey was WW-2 vintage, but
have seen two grey receivers with bandspread coils. One had octal tubes and
an illuminated S-meter, and the other had a white face S-meter, round IF

cans, and 6-pin tubes.
73's Jim

Message-ID: <35E33D15.575C@visuallink.com>
Date: Tue, 25 Aug 1998 18:39:17 -0400
From: Dan Martin <dmartin@visuallink.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re:
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

w2ec@VNET.IBM.COM wrote:

> Back in the "good old days" we used to wait weeks for a delivery. I remember
> my EF Johnson being shipped via Railway Express (yes, it came on a real train
> freight car). I had to go to the railway station to pick it up. It's been
> quite a while but I seem to recall that between the time I ordered and the
> time it actually arrived was 4 or 5 weeks.

Ahhh, Ray. On a gentler note, your post reminded me of a time when I was a wee lad of 15 in 1966. I pestered my mom into driving me and my best friend down to the railway station to pick up my Knight-Kit R-100A. As proof that impatience is not a 1998-thing, earlier I had "assertively" written all over the Allied order form "if item cannot be shipped within 5 days of receipt of this form cancel order!" That, my 15 year old business acumen told me, would surely speed things up. Well, I called REA in Tampa almost every day thereafter seeking news of my treasured radio. When a bored attendant one day said he thought such an item had come in but it would be "a couple of days" before I could expect the REA truck, that was that! I vividly remember my friend and I crawling all over racks and shelves of the REA depot on a muggy, very late afternoon summer day until we found the special carton. Riding home with that Allied Radio box in my lap that evening was a feeling I'll never forget. Sadly, though I'd already built a number of smaller Heathkits by age 15 I must not have quite been up to the R-100A. The rig always seemed to squeal and howl and oscillate and listened little better than my S-120. By the time I was licensed a year later I had acquired a thoroughly proper Novice receiver, an HQ-170, from another high school ham to go with my DX-60.

Sorry if I bored anyone with this but I hadn't heard "Railway Express" mentioned in years!

Dan

Date: Tue, 25 Aug 1998 18:43:35 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: boatanchors@theporch.com
Subject: Collins emblems
Message-ID: <Pine.GS0.3.96L.980825184102.6761B-1000000@unixs5.cis.pitt.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My homepage has now been updated to include the latest news on the new reproduction Collins emblems. Keep "listening" for more additions on the new Collins Journal homepage.

Thank you.

Dave, W3ST
Publisher of the Collins Journal
Homepage: <http://www.pixi.com/~jenkins/collins>

Message-Id: <98Aug25.181435cdt.26892@firewall.sigg.com>
Date: Tue, 25 Aug 1998 18:18:43 -0500
From: Bob Reynolds <breynd@sigg.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: -Reply
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> Dan Martin
>>> R-100A. The rig always seemed to
squeal and howl and oscillate and listened
little better than my S-120.

A friend of mine also had a R-100. To go to
standby from receive required throwing one
switch and pushing down on a pc board with
your finger. Going back to receive did not
require the finger push !

73, Red K5VOL

Message-Id: <199808252329.TAA15560@home.gis.net>
From: "Gretchen" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC223
Date: Tue, 25 Aug 1998 18:24:15 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I've had two BC-223's and wish I still had them! It's a very nice MOPA rig with 801A oscillator and 801A amplifier, and 46 (I think) modulators. About 40 Watts input, maybe 30 Watts output. It will work like gangbusters on 80M! It's either VFO or crystal - I used both. Using the lowest tuning unit - 2 to something Mcs, the VFO will go down to 1.8 Mcs, and you pad the amplifier with about 50 mmfd. - and it works fine on 160M!

There are a variety of power supplies used; vibrator and dynamotor, for 6, 12, and 24 volts.

73 es GL
Rich Brunner, AA1P, rbrunner@gis.net

Date: Tue, 25 Aug 1998 16:05:07 -0700 (PDT)
Message-Id: <2.2.16.19980825155846.0e2f84d0@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: W6AWO OTA From Burning Man

W6AWO will be on the air from Black Rock City, NV, site of the Burning Man event, beginning on or about 31 August. Operating hours will be variable but the primary frequency will be 7040Kc. Calls from any of the gang will be appreciated, calls from BA and/or QRP stations particularly encouraged.

Regards,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-ID: <35E30A3D.92EFA622@hal-pc.org>
Date: Tue, 25 Aug 1998 19:02:21 +0000
From: Tom Smith <tsmith@hal-pc.org>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Nothing in old rig? Leave something.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is my "leave something story".

Several years ago I ran across a old Silvertone tombstone that was in good cosmetic shape which encouraged me to repair. It wasn't long before I noticed the initials FBS and the 1939 date. It was repaired by my father (W5GEF) where he was employed at Capital Radio in Baton Rouge, LA. He always put his initials and date in pencil on the chassis of the radios he repaired. He went into the Navy and was rapidly advanced to Chief Electronics Technician and ultimately taught electronics at the Baton Rouge Votec school where he retired.

Needless to say, I consider the old Silvertone something more because of the initials and date on the chassis.

73 Tom Smith N5AMA

> >On the topic of mementos in radios, did I read on this list (or elsewhere)
> >that someone found this message:"God Bless You, Son". I think it was
> >inscribed in the radio ops area in a B17, or on his BC348 or such like. Some
> >teary eyed Rosie the Riveter thought about the AAF operator, and some
> >inspector just left it.
>

From: Jderm740@aol.com
Message-ID: <5c874382.35e352ac@aol.com>
Date: Tue, 25 Aug 1998 20:11:23 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Oddities
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

My nomination for the "never to be revealed" item is something that would not cause a "short circuit" in the innards of the equipment. Some folks almost got caught and hid the evidence, although their faces were probably flushed. You

got to watch those co-ed workplaces.

Jack

Date: Tue, 25 Aug 1998 17:04:28 -0700 (PDT)
Message-Id: <2.2.16.19980825165808.41f7ba3c@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: FS: KWM-2A, 75S3B, 312B-4 & More
Cc: ruck@lns.com

Greetings, fellow enthusiasts. The equipment below is an estate sale I'm listing for a friend.

Remember: Be sure to CONTACT HIM... NOT ME. His email address is at the bottom of the message.

>For sale, complete system:

>

>Collins KWM-2 Transceiver

>Collins 75S-3B Receiver

>Collins 312B-4 Station Control

>Collins 516F-2 A-C Supply

>Collins 351D-2 Mobile Mount (for KWM-2)

>Collins SM-2 and MM-1 Microphones

>Linear 400-12 Mobile Power Supply (12VDC for KWM-2)

>Heathkit SB-200 Linear Amplifier

>MFJ Versa Tuner V

>Heathkit Antenna

>Selectronix Company SLF-402 Filter

>

>And miscellaneous accessories.

>

>All in excellent condition, all manuals, one owner. Package price only,

>best offer. Contact Bill Ruck at ruck@lns.com or days at 415-995-6969.

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Tue, 25 Aug 1998 20:14:49 CDT
Subject: Re: Oddities
Message-ID: <19980825.201452.3470.2.jackiv@juno.com>
From: jackiv@juno.com (John M Iverson)

DON'T YOU THINK THAT YOU MAY BE STRETCHING THINGS ABOUT ... HI HI
Jack Iverson K0EWU jackiv@juno.com

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Or call Juno at (800) 654-JUNO [654-5866]

From: w5sum@ms1.nwla.com
Message-Id: <199808260149.UAA19197@ms1.nwla.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 25 Aug 1998 20:49:00 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: TR4 parasitics
CC: glowbugs@piobaire.mines.uidaho.edu, boatanchors@theporch.com

howdy men

first thanks for all the replies. Geez what a great bunch of folks.
okay, everyone pretty much agrees it a parasitic problem. I did not
get to bring my IFR home today due to its need else where.

however, I loaded the TR4 up on 3889 and found strong spikes at 3705
and 3855... strange... but none the less they were there. So,
I checked my neutralization and it seems to need some attention.
Also, the tubes in this rig need replacing anyway, they have huge
RED corona's all over thier sides and have low output. It just so
happens that I bought three GE, Brand New 6JB6's at the last
hamfest for \$5 each.. so, tommorrow it gets new bottles...then a
neutralization.

I'll keep ya posted..

Ronnie
W5SUM - Ronnie Hull
PO Box 8941

Shreveport, La 71148

From: PLT1032@aol.com
Message-ID: <642fe00c.35e37515@aol.com>
Date: Tue, 25 Aug 1998 22:38:10 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Replacing the BC-348-Q capacitors
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

O.K. Radiofiles. What is the preferred and ageproof substitution for the old caps. in my 348-Q.

Bob Lindgren

Message-ID: <35E3747E.1FAC@worldnet.att.net>
Date: Tue, 25 Aug 1998 22:35:42 -0400
From: John Dilks <oldradio@worldnet.att.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: K2TQN's OldRadio Museum and BA meeting place.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

to all,

K2TQN's OldRadio Museum and BA meeting place.

For additional information and exhibit schedule
please visit the following web page:

<http://www.eht.com/oldradio/>

--

73' John Dilks, K2TQN

Webmaster for the Antique Wireless Association
<http://www.ggw.org/awa> Click on "Page 2"

--and--

for the New Jersey Antique Radio Club
<http://www.eht.com/oldradio>

-----please-visit-----

From: MNHopkins@aol.com
Message-ID: <a8638f5a.35e397da@aol.com>

Date: Wed, 26 Aug 1998 01:06:33 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Hallicrafters ruled 6M Heyday
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Between 1955 and 1959, when Frank Jones, W6AJF, SK, swung his 7-element Yagi and fired up his 400W of screen grid modulated AM, he had about a one-in-four chance of working some sort of Gonset Communicator. They were everywhere and the 325 QSLs he received showed it. Even the ARRL's W1HDQ was running one (mobile). But if he worked someone with a discrete receiver, his cards show it was most likely to be a Hallicrafters. Of the 192 cards naming RXs, 39% named an S- or an SX- something. There was one less Hallicrafters RX in the pack than Gonset Communicators.

The most often used was one of the S-40 series, bread and butter rigs akin to an S-38 but having a transformer and separate BFO as the first S-38 did. There were no S-38s in the sample. SX-99s were next and then a surprise: the S-106 6M RX tied the sophisticated double conversion SX-71 for third.

Here is a list by specific model:

S-10, 1; S-20R, 2; S-27, 1; S-36A, 2; S-40, 3; S-40A, 1; S-40B, 5; S-53, 1; S-53A, 4; S-76, 3; S-77A, 1; S-85, 1; S-106, 7.

SX-10, 1; SX-24, 2; SX-25, 3; SX-28, 5; SX-28A, 1; SX-42, 4; SX-43, 3; SX-71, 7; SX-96, 1; SX-99, 8; SX-100, 6; SX-101, 2.

National was next, then Hammarlund, then the various military (BC-348s(8) and BC-455s(5) leading). The last two statistically significant categories were RME and Collins. One plucky soul used a Heath AR-2. Of course these rigs were usually used with converters, but that's another story.

73 de ab5L, Michael in Dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Message-Id: <199808260655.XAA25920@mail-gw6.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: wtd: Johnson 9 pin plugs
Date: Tue, 25 Aug 1998 23:56:39 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ed sed:

> I am in the process of writing about and photographing my solution to the
> fused plug problem for whoever-probably ER.

Well Ed, let me give a generic comment about ER (and the like) with regard to some articles I have read, nothing personal, of course (heh...). After reading some rather astonishing comments by authors I've wondered if Barry was running short of material or if he had succumbed to journalistic burnout and didn't quite comprehend what he was sending to the printers. I wonder how Barry would feel if a survivor wrote him accusing him of being the cause of early SKism of good ol' "What's His Name", the dearly departed lover of classic BA's and AM ragchewer unequalled for true grit.

You know, the first thing the next owner of that BA is going to do is chop that box off no sooner than he can grab the big knife from the kitchen or maybe even before he gets it home if he has his trusty Swiss Army knife with him. Such dangling appendages are a practical nuisance as much as they are esthetically eschewable. A "safety box", just what Our Savior Has Assembled (OSHA). There MUST be a better, if not as effective, way of making a radio safe. What about that old dirty trick of putting a fuse holder INSIDE the radio. You KNOW it won't blow unless there is a real problem, right? Can't beat that for safety and effectiveness. How about a nice big sturdy grounding stud with a neat label saying "GROUND HERE"? Beats those new fangled labels that read "No usable parts serving inside".

Sorry folks, I vote for properly and neatly done safety mods. New, good quality 2 or 3 wire power cords, properly installed with correct value fuse(s) in properly installed fuse holders and leave it at that. Preserving originality is only for those items that will reside in a glass case and never again enjoy tingling electrons from Faithful Edison Power and Sewage. There have been reams written about doing the job in the past. Is there a definitive article on doing BA safety upgrades in the Archives? That's what Barry should publish.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199808260759.JAA16692@inet.uni2.dk>

From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: German WW-2 radio
Date: Wed, 26 Aug 1998 09:33:29 +0200
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The fact that a single German WW2 radio could stir up so much noise had me have a look on my own collection for duplicates.

If you guys are so keen on this stuff, I see no reason to hold on to more than one of each type,
so if somebody wants Nazi-era Panzer radios I can offer :

UkwEe RX
10W.S. TX
Fu Sprech F transceiver
and some inverters

Also Nazi back-pack : Feld Fu.b: without accessories.

All in original un-modified condition.
Drop me a line if you want to pursue this. I am open for swap for other German WW2 radios.
or clandestine sets.

73 Rag OZ8R0

Rag Otterstad OZ8R0 Copenhagen suburb: Birkerød
Also JW5HE LA5HE. Previously held : G5BHQ HB9XCG

Collector of W.W.2 German military radio sets, clandestine sets all periods, cipher equipment.

Address: Hosterkøbevej 10. DK 3460 Birkerød, Denmark

Tel : ++45-4281 5205 evenings. ++45-4497 3366 daytime.

I work for MEC A/S, manufacturer of high quality and good looking pushbutton switches.
If you are designing electronics equipment and have an interest in switches please check the homepage at :
[HTTP://WWW.MEC.DK](http://WWW.MEC.DK)

To know more about my ham radio background try my personal homepage :
[HTTP://WWW.WEBSPAWNER.COM/USERS/OZ8R0/](http://WWW.WEBSPAWNER.COM/USERS/OZ8R0/)

Date: Wed, 26 Aug 1998 08:19:32 -0400 (EDT)
From: John Poulton <jp@cs.unc.edu>
Message-Id: <199808261219.IAA18130@mira.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Weird Tube ID?

Have a couple of weird tubes that emerged from my collection last night, and I could use some help identifying them.

First is a brace of VT-62's (also labelled 10E/11443). These are medium-sized, inverter-pear-shaped bottles with both a grid and a plate lead on the top of the envelope. Tube is clearly a directly-heated-cathode triode, whose compact connections suggest high-frequency use, and is about 6" in overall length.

Second and REALLY strange item: This one is labelled "Electrons, Inc. Newark NJ" and "1C" along with a long list of patent numbers. It's got a 4-pin base, a straight cylindrical envelope, and is about 5-1/2" in overall length. Internal construction is difficult to figure out, but it looks like it's a diode with a directly heated cathode and cylindrical plate, surrounded by a concentric shield. Have about a half dozen of these weirdies.

Any ideas? Would someone like to give them a new home?

Thanks in advance for the help,
John Poulton KF4OZY

Date: Wed, 26 Aug 1998 08:43:44 -0500 (EST)
From: "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
Subject: Old Weston meters
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <C1879ZXNOCLHIG*/R=FIRNVX/R=A1/U=WOODJ/@MHS>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

I have two Weston meters"

One is a DC milliammeter model 622, serial # 24215 (last certified 1961

The other is a Weston thermo Voltmeter model 622 , serial 30953 (last certified 1965)

woodj@mail.firn.edu

Subject: Re: Weird Tube ID?

John Poulton KF40ZY

I'd be glad to hear more; my information could easily be wrong. And of course, if you happen to have one looking for a home, I happen to have a book of 20 32 cent stamps looking for a home! Also many other tubes to swap; not specially interesting but list on request.

Mores puerorum se inter ludendum detegunt

Net-Tamer V 1.12 Beta - Registered

Message-ID: <004101bdd0f6\$ec432ec0\$0d782599@default>
From: "Paul Bernhard Sr." <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: My website
Date: Wed, 26 Aug 1998 09:39:16 -0400

Hi Gang;

Just another invitation to take a look at my website for the USS The Sullivans DD537 and friends. It now includes the Naval Park, Our submarine and others. Soon to include the USS Little Rock. For BA-ers, a look at radio central, the Croaker's radio room and on my author page, a look at my ham station as it evolved over the past 40+years.

I think I'm getting the hang of this HTML stuff but any suggestions or advice would be appreciated. Use the e-mail click-on on the web pages. I hope it works!

the URL <http://www.geocities.com/~dd537>

Thanks for all the help in the past.

Paul Bernhard Sr. W2TU/NNN0GNB

w2tu@email.msn.com

End of BOATANCHORS Digest 2185

>From ???@??? Thu Aug 27 10:52:31 1998
Message-Id: <199808270121.UAA03001@sco.theporch.com>
Date: Wed, 26 Aug 1998 20:20:07 CDT
Subject: BOATANCHORS digest 2186

BOATANCHORS Digest 2186

Topics covered in this issue include:

- 1) Re VT62
by philip mccooy <dgnova@erols.com>
- 2) National Speaker ID

- by Nick England <nick@cs.unc.edu>
- 3) Weird Tube ID: mystery solved!
by John Poulton <jp@cs.unc.edu>
 - 4) RE: Replacing the BC-348-Q capacitors
by "Roy S. Morgan" <roy.morgan@nist.gov>
 - 5) Re: Railway Express
by thompson@mindspring.com
 - 6) Trade Wanted
by Chip Owens <owens@atd.ucar.edu>
 - 7) Railway Express
by Steve Berg <z931086@corn.cso.niu.edu>
 - 8) Old Timey Railway Express
by Spencer Petri <spetri@e-tex.com>
 - 9) Re: Railway Express and Nothing in old rig...
by "Owens, Clarence" <owensc@nebeng.otis.com>
 - 10) Railway Delivery
by Sandra L Knepper <slkst29+@pitt.edu>
 - 11) Replacing EFJ Fused Plugs
by Ed Tanton <n4xy@att.net>
 - 12) RE: Railway Express and Nothing in old rig...
by Ed Sieb <esieb@gmsiworld.com>
 - 13) RE: Railway Delivery
by Ed Sieb <esieb@gmsiworld.com>
 - 14) An easy way to use the SB-10 (or even the BW 51SB)
by thompson@mindspring.com
 - 15) ART-13 lives again and a ?
by Bill Wilson <billo@internettpport.net>
 - 16) Re: Railway Delivery
by Richard Loken <richardlo@devax.admin.athabascau.ca>
 - 17) FT243 Crystal Fun
by "Allan D. Fritsche" <fritsche@email.msn.com>
 - 18) RE: FT243 Crystal Fun
by Ed Sieb <esieb@gmsiworld.com>
 - 19) RE: FT243 Crystal Fun
by Ed Sieb <esieb@gmsiworld.com>
 - 20) FS: mil mans & books
by Ethan <ethan@olywa.net>
 - 21) CCA National Convention Update
by "Jay H. Miller" <jmiller@teleteam.net>

Message-ID: <35E444CE.2B46@erols.com>
Date: Wed, 26 Aug 1998 10:24:30 -0700
From: philip mccooy <dgnoval@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re VT62
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

IF British:
VT=valve transmitting
equavalent to TY1-50 Mullard
triode
Vf 7.5v at 3.25amp
Vanode 1250volts at 90ma
Vgrid -225volts
grid current DC 15ma
gm 2000
Ranode 5250
grid driving watts 4.5
mu=10.5
power output 75 watts
anode disapation 50 watts
100mhz maximum frequency at full power

Date: Wed, 26 Aug 1998 10:48:12 -0400 (EDT)
From: Nick England <nick@cs.unc.edu>
Message-Id: <199808261448.KAA23938@altair.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: National Speaker ID

There is often confusion over the National speakers that were sold as matches for the NC-300, 303, 400, 109, 188 receivers. I think I have got this figured out, from old ads, and from speakers I have seen. I maintain a page of receiver-speaker info at
<http://www.cs.unc.edu/~nick/speakers.htm>

Here's a summary of the late model National situation...

NC-300TS goes with the NC-300. has a National logo in lower right of grille cloth and a lightning bolt in upper left. Two-tone paint line is about 25% of the way down on the sides. No chrome strips on the side. Early models were smooth/glossy (just like the NC-300 front panel) and later ones were wrinkle finish. You can see a photo on the cover of the Sept. 1998 CQ magazine.

NTS-1 goes with the NC-188 and NC-109. looks similar to the NC-300TS but lacks the lightning bolt. The paint line is about 40% of the way down the sides. The grille cloth is also somewhat different from the NC-300TS. You can see one at:
http://www.cs.unc.edu/~nick/spkrs/nat_nts1.jpg

NTS-2 goes with the NC-303 and NC-400. Paint shade is darker to match

NC-303 trim. Also has chrome strips at the two-tone paint line which is about 25% of the way down the sides. There is a script logo in the center only. Grille cloth is also different from other speaker.

You can see one at:

http://www.io.com/~nielw/nat50/nat50_12.htm

There were matching converter cabinets for the NC-300TS and NTS-2, but not for the NTS-1.

So there you have it - if you have some other info or photos I'd really appreciate it. I think I have got this right as I have looked at a lot of ads and a lot of speakers, including one of each in my shack. (and having said that, I am sure to be proved wrong pretty quickly!)

73 & Have Fun,

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
<http://www.cs.unc.edu/~nick/hobbies.html> Chapel Hill NC

Date: Wed, 26 Aug 1998 10:48:42 -0400 (EDT)
From: John Poulton <jrp@cs.unc.edu>
Message-Id: <199808261448.KAA18561@mira.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Weird Tube ID: mystery solved!

Thanks to Joseph Pinner, KC5IJD, the very peculiar "1C" tube has been identified. It's a high-current dual-diode rectifier, evidently used in the GRC-27, among others. It's evidently a version of the 3B22, also made in the UK under the designation EL1C.

The construction is quite unusual. The two diodes are separated vertically (one at the top of the tube, and one near the middle), by an elaborate metal structure that appears to be a shield or some such.

Thanks to the list members who kindly replied to my query.

73

John Poulton KF40ZY

From: "Roy S. Morgan" <roy.morgan@nist.gov>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Replacing the BC-348-Q capacitors
Date: Wed, 26 Aug 1998 11:38:48 -0400
Message-Id: <001d01bdd107\$9e22a9d0\$325f2e82@morganrswnt.dt.navy.mil>

Mime-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anchorites,

Any modern film capacitor will work fine.

---Roy Morgan
K1LKY since 1959

> -----Original Message-----
> From: PLT1032@aol.com [mailto:PLT1032@aol.com]
> Sent: Tuesday, August 25, 1998 10:38 PM
> To: Old Tube Radios
> Subject: Replacing the BC-348-Q capacitors
>
>
> O.K. Radiofiles. What is the preferred and ageproof substitution
> for the old
> caps. in my 348-Q.
>
> Bob Lindgren
>

From: thompson@mindspring.com
Message-ID: <003e01bdd108\$89c6e9a0\$a02856d1@default>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: Railway Express
Date: Wed, 26 Aug 1998 11:45:21 -0400

Dan Martin mentioned Railway Express (later REA Express). Most of the gear in the late 50's arrived via Railway Express. Sure it was slow, but I don't remember the problems that we have today with gear being trashed.

W5GRP worked for REA for 35 + years. He actually delivered much of the gear. My HQ110 came with Gus delivering it. He stayed while I unpacked it and got it going....he wanted to see it as much as I did. Another time I helped W5LWS unload his Globe King from Leo at WRL. They put this on a wooden pallet, built a wood 2X4 box around it. You could see the sides.

Only better service was the bus service from Edwards Electronics. I got an NCL-2000 and RME 6900 receiver that way. Don't guess you can get bus service between Lubbock, Texas and Natchez, MS today.

There are hams working for UPS and I know they take the same care as W5GRP, but too many people handle the boxes before they arrive and thats where the system falls down.

73, Dave K4JRB

From: Chip Owens <owens@atd.ucar.edu>
Message-Id: <199808261621.KAA18336@ale.atd.ucar.edu>
Subject: Trade Wanted
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 26 Aug 1998 10:21:24 -0600 (MDT)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I have an extra copy of the book (original) that goes with the TV-7 tube tester if anyone needs one. I'm looking for type 47 or type 1610 (mil.equivalent) tubes in trade. Also, would like to find a 5 pin tube socket for the 803 pentode. I have a Johnson 275 that would work, but am after one of the bayonet type sockets-similar to a Johnson 123-211, but with contacts for a 5-pin base. This would be a porcelain base with bayonet mounting receptacles for the 5-pin 803 base.

Chip, NW00

Message-Id: <35E3F8E8.6C2091B3@corn.cso.niu.edu>
Date: Wed, 26 Aug 1998 13:00:40 +0100
From: Steve Berg <z931086@corn.cso.niu.edu>
Mime-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Railway Express
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used to live in the hamlet of Prairie View, Illinois. The Soo Line had a station there. The agent divided his time between that station and another further in towards Chicago. He was a ham, and was conversant in both landline and international Morse. I was amazed to hear him using his bug. He could really go. My first shipment via REA was my Gotham V-80 vertical antenna. It arrived unscathed. The second was the surplus transformer and relay I ordered to build a power supply for my Gonset G-76 transceiver. they shipped the 20 pound transformer and the 2 ounce ceramic open fram relay in the same cardboard box. The transformer was unharmed. The relay was demolished. I had to spend

several hours at a time carefully epoxying the fragments together in order to make it work. It gave the rig a most satisfying clunk when switching to transmit, which was heard on every television set for miles. I spent most of the time then on 6 meters. I still have the rig and the power supply, although they are in mothballs pending the end of my degree program.

73,

Steve WA9JML

Date: Wed, 26 Aug 1998 14:05:40 -0500 (CDT)
Message-Id: <199808261905.0AA16666@sco.theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Spencer Petri <spetri@e-tex.com>
Subject: Old Timey Railway Express

Greetings,

This is not radio related but I couldn't control myself and it enhances the REA thread. Palestine, Texas is about 110 miles from Dallas and Neches is about 9 miles from Palestine.

Once in the dim past a person could take the morning train from Neches to Palestine and place an order for an item from Sears and Roebuck. The Palestine store would telegraph the Dallas warehouse and then the Dallas warehouse would put the item ordered on the next train to Palestine. The ordered item would arrive in Palestine and the person would then take the afternoon train back to Neches.

Somewhere something went wrong.

GL,

73 de Pete WA5JCI EM21 "the future will be better tomorrow"

.....
6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361
.....
2 Mtr -- 36 States -- VUCC #346

Content-return: allowed
Date: Wed, 26 Aug 1998 15:39:00 -0400

From: "Owens, Clarence" <owensc@nebeng.otis.com>
Subject: Re: Railway Express and Nothing in old rig...
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0EYB00F9FANCHK@mailman.otis.com>
MIME-version: 1.0
Content-type: text/plain

Hi Everyone,

Gee, I guess I'd better hang on to the wooden box that my "new" BC-221 came in, since it has a Railway Express label with the names of the two owners previous to me. Double tie in! Should be good for at least a few points.

73,

Clare Owens N2RJB

Date: Wed, 26 Aug 1998 15:47:47 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Railway Delivery
Message-ID: <Pine.GS0.3.96L.980826154214.9993G-100000@unixs1.cis.pitt.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Back in 1956, my Dad ordered without my knowledge a Heathkit DX-100 transmitter. It arrived at the South Fork railway station, about 10 miles from my home. You can imagine my delight when I came home from school and that kit was in the room. Dad had to assemble the kit himself with a little help from this teenager. Of course, as luck would have it, the set did not play when we first turned it on. Another ham had to find the problem. I still have the set in my collection. I am glad that I kept it all these years. Made a lot of contacts with that old girl. When I came out of the service, I hooked an SB-10 to the DX-100. I still have the original invoice.

That was 42 years ago!

Dave, W3ST
Publisher of the Collins Journal
Homepage: <http://www.pixi.com/~jenkins/collins>

Message-Id: <3.0.5.32.19980826154735.00bbb390@postoffice.worldnet.att.net>
Date: Wed, 26 Aug 1998 15:47:35 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Ed Tanton <n4xy@att.net>

Subject: Replacing EFJ Fused Plugs
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Arden... et al... I don't mind if he cuts it (my 3-wire power cord-fuse box) off... for two reasons: I pretty much don't sell my 'collection' once obtained... and if I did, the "old" fused-plug cord would go with it.

I couldn't agree more with you that my "solution" is relatively cumbersome... but I have one or two absolute boat anchor rules I do NOT violate: 1. I do NOT use anything with a 2 wire cord that there is ANY way to avoid; and 2. I don't make no new holes. The external fuse box is the result of several years of internal debate and strife... it does work, it does not require new holes, and it won't take be the better/worse part of half an hour to take the darn (Ranger II) cabinet off. I know there's only the 8 or 10 screws, BUT: every time you mess with those screws, you mess them up a little more, and stress the long screws-again. No thanks.

Also, in years long gone, I have managed to blow the fuses on several pieces of equipment-including a Ranger I, only to find that everything worked-and kept on working-afterwards. I dunno... perhaps it was in my somewhat more QRO-oriented misspent youth?

I think taking the cabinet off a large, heavy, piece of equipment is a pain, and putting the fuses inside like that... the idea of taking THAT cabinet off just to replace a fuse? I'd simply never do allow that to occur-as long as there was ANY alternative. I have the same problem with my EFJ and B&W T/R Switches. EFJ: external fused plug... B&W: internal fuse. Both will get external fuse boxes and 3-wire cords, and their cabinets don't exactly weigh a ton.

The idea behind using die-cast boxes is that they will be tough, and metal (conductive.) The idea behind putting them a foot or so from the AC plug is so that they can sit on the floor, out of the way, under the desk. Rig quits working, you look for 'em. What's the deal on 2 or 3 [2 x 4 x 1 inch] boxes?

As for propriety, I doubt OSHA is planning to visit my shack any time soon, but if they did, I cannot imagine on what grounds (pardon the expression) they could object to the idea... they allow all sorts of power supplies to be wall or ground mounted in the same manner-with only internal wires for fuses. Heck, as far as I know, UL approves such things (wall warts).

Bottom line is I haven't managed to think of anything "better" in the months I have been pondering this question... your suggestions, while well meant, utterly do not fit my parameters. If anybody else figures out a better way, believe me, I'm ready to think about it!!!

Message-ID: <01BDD10C.48E4AA40@esieb.gmsiworld.com>
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Railway Delivery
Date: Wed, 26 Aug 1998 16:12:09 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Ah... DX100's - 1 watt per pound! Gotta love 'em. Still a lot of them still going strong!
The boatanchor's boatanchor!

Ed. VA3ES

From: thompson@mindspring.com
Message-ID: <004201bdd132\$f4ca23a0\$4af845cf@default>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: An easy way to use the SB-10 (or even the BW 51SB)
Date: Wed, 26 Aug 1998 16:49:01 -0400

So you have an SB-10 and wonder about modifying that TX to use it? There is a way to use the SB-10 or 51SB without modifying either the SB-10 or any TX.

Find, buy, or build a nice 30 to 70 watt CW exciter/TX with a STABLE VFO...the Collins 301B3 or Viking Navigator will work. Add a variac to cut the power when using the SB-10 on SSB to 5 watts or so then run the exciter into the SB-10. The SB-10 will in turn put out a few watts on the same freq you have your CW sig. Then build or modify your amp for AB1 or AB2 (set that NCL2000 to low swamp or use something like the CE 600L). This way you have a nice BA SSB rig and you didnt modify the TX so its still set for AM or CW with no reduction in value or mods that we BAers talk about after we get it...now why did he do that!

This was common in the early 60's especially if you did not have the matching TX (BW or Heath).

73 Dave K4JRB

Message-ID: <35E47CB1.4419411F@internettpport.net>
Date: Wed, 26 Aug 1998 16:22:57 -0500
From: Bill Wilson <billo@internettpport.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

Subject: ART-13 lives again and a ?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

After a year or so of the ART-13 project being a "back burner" one I finally found some time to cure it's ills. The radio was purchased at a local muffler shop over a year ago at a reasonable price, it of course came with no power supply. Thanks to Andy (WA4KCY) one was built and it works fine, the power plug came from Robert Downs (a nice plug BTW).

There was no grid drive/VFO output at all, traced to a open RF choke on the cathode of the 837, repair was easy, it was not burnt or anything, the wire just snapped off one of the ends.

The rig works fine and looks good. The question I have for other users of this rig is what kind of antennas/matching set up do you have? The radio does not load good into 50 ohms (low output/distorted audio) but loads fine into higher impedance loads. I get 1 amp of RF current out of it and the plate reads 80 or so mils while not modulating/talking.

Thanks in advance,

Bill
W4BIZ
Jacksonville, Al.

The oddest thing found in a radio (or BA related item)? On the way back from the Atlanta hamfest a couple of years ago my friend pulled out a old dirty Navy key from his bag, he gave it to me to look at while I was driving. A brown recluse spider crawled out from the bottom of it. I quickly gave it back to him and told him to get rid of it! He held it out the window and the wind blew the spider onto I-20. My next vote goes to the dirt dauber nests found (active!) found in a NC-300.

Date: Wed, 26 Aug 1998 15:39:47 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: Re: Railway Delivery
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>,
~richardlo@devax.admin.athabascau.ca
Message-id:
<Pine.PMDF.3.95.980826153010.541239940B-1000000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Wed, 26 Aug 1998, Sandra L Knepper wrote:

> Back in 1956, my Dad ordered without my knowledge a Heathkit DX-100
> transmitter. It arrived at the South Fork railway station, about 10 miles
> from my home. You can imagine my delight when I came home from school and
> that kit was in the room. Dad had to assemble the kit himself with a
> little help from this teenager. Of course, as luck would have it, the set
> did not play when we first turned it on. Another ham had to find the
> problem. I still have the set in my collection. I am glad that I kept
> it all these years. Made a lot of contacts with that old girl. When I
> came out of the service, I hooked an SB-10 to the DX-100. I still have
> the original invoice.

A few (gacck! it must be darn near 10!) years ago I bought a DX100 and an SB10 from an older ham who had built it back in 1957, run it for a while, and then built an SB10 and linked the two for another ten years of use. The rigs came to me as a second owner with all the original docs, advertisements, and a stack of correspondence with Heathkit about performance, quirks, and mods.

This links nicely to the other thread on personal artifacts. I really like this rig, it has history.

Meanwhile, back in 1975 when I bought my SB401 it was sent by truck, I was going to walk over and pick it up but a guy at work gave me a ride - good thing since the box was a metre high! I bought a WS19MKIII in 1968 for the princely sum of \$20.00 and it was shipped to me in a big wooden box by bus I think. Might have been truck. By 1968 there was no railway station in Drake, Saskatchewan so it sure wasn't sent by train.

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University
Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

Message-ID: <000101bdd13b\$4324c200\$efcc2499@default>
From: "Allan D. Fritsche" <fritsche@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FT243 Crystal Fun
Date: Wed, 26 Aug 1998 16:47:24 -0500

Hey Gang, After reading a lot of old articles about moving the freq of the old FT-243 crystals up... I decided to try it for myself... Got a pad of 1500 and 600 sandpaper and taped a sheet of both down on my workbench (Very Flat).

Took apart my first unit (6973KC) and noticed how it was constructed... Really very simple.. Tried to keep the parts removed in original order but found out

that after a while that was very hard to do... Wanted a Crystal in the 40 meter Novice band and so I sprayed water on the # 600 and using my index finger started swirling it around... After about 100 swirls, transferred to the wet 1500 and did about 50 more swirls... Cleaned with water and then alcohol (no not the juice from an 807) and let dry... Put the tiny crystal slab back in the holder and turned on the R-390A for the freq check... while plugging in the crystal to my lowly MFJ dip oscillator., It did oscillate a bit higher(about 7020KC)... Ah Ha I said, this really works... Now on to 7110KC...

Well after about 4 hours of grinding and reassembling (many times) got this little guy to oscillate at exactly 7110KC).

Well, you ask, why did I bother... Try pricing a new crystal from Peterson,etc

Above all it was fun...
And thats what Ham and Boatanchors is all about...

Your Friend Al
KD5CML
fritsche@msn.com

Message-ID: <01BDD11F.95365840@esieb.gmsiworld.com>
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: FT243 Crystal Fun
Date: Wed, 26 Aug 1998 18:30:18 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Apropos of nothing... Other than curiosity... why 7110?

I just happen to have a crystal on that freq. In an HC/6 package, but with the pins that fit in an FT243 socket. In fact I've acquired many crystals on very useful frequencies, but all in these HC/6 holders with larger pins. (I can't recall the nomenclature for this type of holder).

On the other hand... I'm guilty of reproducing a BA style crystal, where none existed before: I had

a nice tiny, HC/18 type crystal with wire leads for 3.579545 MHz. The crystal case fit perfectly in a dis-used FT243 case. I popped in the HC/18, soldered the leads to the FT243's pins... and voila... a nice BA style rock on 3579.545 Kc! I've since done the same for 3686.4 Mhz and 3723 KHz.

Ed, VA3ES

Message-ID: <01BDD121.548B8E80@esieb.gmsiworld.com>
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: FT243 Crystal Fun
Date: Wed, 26 Aug 1998 18:42:45 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Wednesday, August 26, 1998 6:30 PM, I wrote:

>... I've since done the same for 3686.4 Mhz
I know, I know, that should read "3686.4 KHz"

Yeah, yeah... nag, nag... sheesh!

Ed

Message-ID: <35E4A252.9C94861@olywa.net>
Date: Wed, 26 Aug 1998 17:03:30 -0700
From: Ethan <ethan@olywa.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: mil mans & books
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Content-Transfer-Encoding: 7bit

PLEASE don't copy entire post in your response!
+ postage + insurance.

TRADES have preference- what you got? (I need tubes in particular)

I had no idea what these things are worth, so I made an appeal for help

with pricing them a while back. I received several responses, and have averaged the results to arrive at these asking prices.

AN/PRC-8,9,AND 10, RADIO SETS. TM 11-612. 1953. \$10

AN/URR-13A (R-266A/URR-13), RADIO RECEIVING SET, INSTRUCTIONS.
NAVSHIPS 91535. 1951. \$10

ATA & ARA, AIRCRAFT RADIO TELEGRAPH AND TELEPHONE TRANSMITTING AND
RECEIVING EQUIPMENT, 1ST ED. OF FINAL INSTRUCTIONS. 1940. \$26 SOLD

DP-12 & DP-13, RADIO DIRECTION FINDER EQUIPMENT, INSTRUCTIONS. 1941.
(from the USS Oceanus). \$11

ELECTRIC MEGAPHONE ANNOUNCING SYSTEM. RCA INSTRUCTIONS 1B-39104.
(USS Oceanus). \$8

MAN, TRANSMITTER-RECEIVER, OPERATOR'S MANUAL. \$7

QC-2 ECHO RANGING SYSTEM, Operation, Maintenance, and Installation
Instructions. 1934. (USS Oceanus). \$16

QC-5/A/B, ECHO RANGING SYSTEMS, INSTALLATION, OPERATION, AND
MAINTENANCE. 1935. (USS Oceanus). \$16

RAA-1, RADIO RECEIVING EQUIPMENT, INSTRUCTIONS. 1934. (USS Oceanus). \$23

RBO-2, RADIO RECEIVING EQUIPMENT, INSTRUCTIONS. \$16

RDZ & RDZ1, RADIO RECEIVING EQUIPMENT, SERVICE AND REPAIR. NAVSHIPS
91331. 1950. \$15

RDZ & RDZ1, RADIO RECEIVING EQUIPMENT, INSTRUCTIONS. NAVSHIPS 900,617.
1946. \$9

SC-4, RADAR EQUIPMENT, PRELIMINARY INSTRUCTION BOOK. NAVSHIPS
900,007-1B. 1942. (USS Oceanus). \$15

TAB-6, RADIO TELEGRAPH TRANSMITTING EQUIPMENT, PRELIMINARY INSTRUCTIONS.
1942. (USS Oceanus). \$12

TDE-3, RADIO TRANSMITTING EQUIPMENT, PRELIMINARY INSTRUCTIONS. 1943.
(USS Oceanus). \$14

TDQ, RADIO TRANSMITTING EQUIPMENT, PRELIMINARY INSTRUCTIONS.
RCA 1B-3833-P1. 1943. \$13

TDZ, RADIO TRANSMITTING EQUIPMENT, SERVICE AND REPAIR. NAVSHIPS 91328.

1950. \$14

***** other stuff *****

BASIC ELECTRONICS, VOL.6 OF 6. NAVPAPERS 91887. 1953. (THICK). \$15

ELECTRONIC CIRCUIT ANALYSIS. AF MANUAL 52-8. 1962. (THICK). \$15

Essentials of Electricity for Radio and Television. Slurzberg and Osterheld. 1950. 533 pgs. \$5

GE HOBBY MANUAL. 1965. 200 PGS. \$5

PRINCIPLES OF AERONAUTICAL RADIO ENGINEERING, Sandretto, 1942, 1st ed., 2nd impression. 414 pgs. \$15

Principles of Radio, Henney, 1942, 549 pgs., \$15.

Principles of Radio Communication, Morecroft, 1933, 1084 pgs., some wear on binding. \$15

Radar Electronic Fundamentals. Navships 900,016. June 1944. 474 pgs. \$8

Radar System Fundamentals. TO 16-1-145. Navships 900,017. April 1944 394 pgs. \$8

Reference Data for Radio Engineers, Federal Telephone and Radio Corp. 1949. hard paper back, 640 pgs. \$16

The ARRL Antenna Book, 8th ed, 1956. \$5

ARRL Handbooks:

1972 \$12

1978 \$10

1991 hardback (big) \$8

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Date: Wed, 26 Aug 1998 20:23:21 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "Jay H. Miller" <jmiller@teleteam.net>

Subject: CCA National Convention Update

COLLINS COLLECTORS ASSOCIATION

1998 NATIONAL CONVENTION

OCTOBER 15- 18 * DALLAS, TEXAS

Updated: 8/26/98

The CCA will have its first annual National Convention in Dallas October 15-18. While convention activities are open to CCA members only, anyone with an interest in Collins radios can become a member of the organization.

The three day event will feature clinics, programs and hands-on workshops by the best of the best in our hobby. Cosmetic restoration, operation, modification, repair and troubleshooting will be discussed, cussed and discussed again!

Scheduled to appear include:

Bud Whitney, K7RMT on the 516F-2 Power Supply * Butch Schartau, K0BS on Cleaning and Painting

Wayne Spring, W6IRD on the KWM-380

Warren Hall, K0ZQD on Operating and Tuning the S-Line

John Bess, WA5VVT on PTO Dial Adjustments * Bob Hicks, W5TX on the 75A-4

Dennis Brothers, WA0CBK on Aligning the KWM-2 * Jim Stitzinger, WA3CEX on Collins Literature

J.B. Jenkins, W5EU on Early Collins Transmitters

Mac McCullough, W5HPM on Safe Shack Wiring * Yves Pautard, WN4I on 30L-1 Power Supplies

Warren Bruene, W50LY on Polyphase Broadcasting

George Donovan, WB5WUX on Chosing Microphones

A virtual "Who's Who" of Collins radio collectors, restorers, technicians and fixer-uppers. They will conduct one-hour clinics on Friday and on Saturday morning many will participate in a hands-on workshop with equipment, tools and instruments! Here is your chance to actually sit at the knees of some of the best our hobby has to offer.

There will be a bus tour on Saturday afternoon to several local collectors' shacks for open house as well as a tour of the Dallas Rockwell-Collins manufacturing plant.

Collins-Rockwell Company amateur radio club stations W0CXX/5 and W5ROK will be on the air with a special event station and the restored Collins Radio Company Communications Van will be on display (and operational) during the convention.

A Texas-Style bar-b-que dinner is on tap Saturday night at the South Arlington Radio Ranch of Jenks Garrett, K5YNZ.

A meeting room at the hotel will also be open during the convention for vendor and individual swap/sell/trade and display. This is not a swapfest or a fleamarket, it is simply a way for folks who make Collins parts and goodies to deal one-on-one with other Collins fans. Awards will be presented for Best Restoration and Most Unusual Piece so plan on bringing

some equipment for show and tell. Table reservations and requests for more info to Bob Peters, K1JNN at soundimp@pobox.com

Sunday morning will feature a buffet breakfast and a very special keynote address as well as installation of new CCA board members.

For additional information on membership, please see the CCA Website at: <http://www.colcol.com>

To receive a brochure on the Convention and a membership application, e-mail complete snail-mail address to: jmiller@teleteam.net

Registration deadline is October 1, 1998.

Thanks for your interest and we hope you'll join up and come to our convention! We fully expect this to be THE classic radio event of the year.

***** ##### *****

Jay H. Miller, KK5IM Dallas, Texas

The Pocket Guide to Collins Amateur Radio Equipment

ARRL * AMI#846 * Collins Collectors Association * DXCC

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Visit My Home Page: <http://www.teleteam.com/~jmiller/>

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End of BOATANCHORS Digest 2186
